Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

1	UTILITY	Attorney	Docket No.	60,500-	116				
₹	PATENT APPLICATION TRANSMITTAL	First Inventor		Christian Knöpfle					
\$		Title	SYSTEM AND	ING BONE SCREWS					
ŧ	(Only for new nonprovisional applications under 37 CFR 1.53(b))		1ail Label No.		7751256US		.s. 45		
፫	APPLICATION ELEMENTS	ADDI		Commissi P.O. Box	ioner for Pater 1450	nts	30c		
5	See MPEP chapter 600 concerning utility patent application contents					-1450	140		
	1.	8.	Alexandria, VA 22313-1450  7.						
-	Name William H. Honaker								
F	Howard & Howard & Howard Attorneys, P.C.								
	Address						=		
	City	State			Zip Code				
	Country Tele	phone/	(248) 723-0422		Fax	(248) 645-1568			
Γ		/							
Name (Print/Type)   William H. Honaker   Registration No. (Attorney/Agent)   31,623									
	Signature // SillMM If StOWN	ell	1	Date [	110/04	· .			

## CERTIFICATE OF EXPRESS MAILING

I hereby certify that the enclosed PATENT APPLICATION and fee is being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope as "Express Mail Post Office to Addressee" Mailing Label No. EV377751256US and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria Virginia 22313-1450, on

Uny C. Downey

Amy C. Downey

PTO/SB/17 (05-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## **FEE TRANSMITTAL** for FY 2004

Patent fees are subject to annual revision.

770

☐ Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Name (Print/Type)

Signature

Complete if Known					
Application Number					
Filing Date		-			
First Named Inventor	Christian Knopfle				
Examiner Name					
Group / Art Unit					
Attorney Docket No.	60500-116				

Number  Deposit Account Howard & Howard Attorneys, P.C.  The Director is authorized to: (check all that apply)  Charge fee(s) indicated below ☑ Credit any overpayments  Charge fee(s) indicated below ☑ Credit any overpayments  Charge fee(s) indicated below ☑ Credit any overpayments  Item Director is authorized to: (check all that apply)  The Director is authorized to: (check all that apply)  Charge fee(s) indicated below. ☑ Credit any overpayments  Item Director is authorized to: (check all that apply)  Charge fee(s) indicated below. ☑ Credit any overpayments  Item Director is authorized to: (check all that apply)  Item Director is authorized to: (check all that apply)  Item Director is authorized to: (check all that apply)  Charge fee(s) indicated below. ☑ Credit any overpayments  Item Director is authorized to: (check all that apply)  Item Director is auth	METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)						
Deposit Account   Norther					2 400	2 ADDITIONAL PERO				
Deposit Account Number   Deposit Account Nu	☐ De	posit Accour	nt None		J. ADI	Large	. FEES			
Deposit   Account   Howard & Howard Attorneys, P.C.	Account	08-2789				Fee		Fee	Fee Description	Fee Paid
Deposit Account Name    Howard & Howard Attorneys, P.C.   1053   130	Number				1051	130	2051	65	Surcharge - late filing fee or oath	
Name   Charge any additional feets of uting the pendancy of this application of BIR prior to Examiner action   1804   920*   180		Howard	Noward Attornova	D.C.	1052	50	2052	25		
The Director is authorized to: (check all that apply) Charge fee(s) indicated below   ☐ Charge fee(s) indicated below  ☐ Credit any overpayments ☐ Charge fee(s) indicated below. except for the filing fee to the above  identified deposit account.  FEE CALCULATION 1. BASIC FILING FEE  Large Entity Small Entity Fee Fee Fee Fee Pee Description Code (5) Code (8) Free Paid  1001 770 2001 385 Utility filing fee  11003 330 2003 265 Plant filing fee  11004 770 2004 385 Reissue filing fee  11005 180 2005 80 Provisional filling fee  11005 180 2005 80 Provisional filling fee  11005 180 2005 80 Provisional filling fee  11006 180 2005 80 Provisional filling fee  11007 170 2004 385 Reissue filing fee  11008 180 2005 80 Provisional filling fee  11009 180 2005 80 Provisional filling fee  11009 180 2005 80 Provisional filling fee  11009 180 2005 80 Provisional filling fee  11005 180 2005 80 Provisional filling fee  11006 180 2005 80 Provisional filling fee  11007 2004 385 Reissue filling fee  11007 2004 385 Reissue filling fee  11008 180 2005 80 Provisional filling fee  11009 180 200 200 200 200 200 200 200 200 200 2	Name Howard & Howard Attorneys, P.C.		1053	130	1053	130	Non-English specification			
☑ Charge any additional fee(s) during the pendency of this application (Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.       1805       1,840*       1805       1,840*       Requesting publication of SIR after Examiner action.         FEE CALCULATION       1251       110       2251       55       Extension for reply within first month Extension for reply within second month         1.       BASIC FILING FEE Large Entity Small Entity       1253       950       2253       475       Extension for reply within first month extension for reply within first month month         1001 770       2001 385       Utility filing fee       770       1401 330       2401 165       Notice of Appeal       Notice of Appeal         1003 530 2003 265       Plant filing fee       1402 330       2402 165       Filing a price in support of an appeal appeal appeal appeal appeal appeal appeal appeal appear in support of an appeal appeal appear in support of an a					1812	2,520	1812	2,520		
Subtrotal Claims   18	Charge any ad	ditional fee(s)	during the pendency of th	is application	1804	920*	1804	920*		
1252   420   2252   210   Extension for reply within second month   1252   1252   1252   1253   1253   1254   1253   1255   12		Check		1805	1,840*	1805	1,840*			
1. BASIC FILING FEE   Large   Entity   Small   Entity   Fee   Fe					1251	110	2251	55	Extension for reply within first month	
Large   Entity   Small   Entity   Fee	1 01010 511		CALCULATION		1252	420	2252	210		
Fee Fee Fee Fee Fee (\$) Code (					1253	950	2253	475	Extension for reply within third month	
1001   770   2001   885   Utility filing fee   770   1401   330   2401   165   1401   330   2401   165   1401   330   2401   165   1401   330   2401   165   1401   330   2401   165   1401   330   2401   165   1402   330   2402   165   160   2005   80   Provisional filling fee   1402   330   2402   165   160   2005   80   Provisional filling fee   1451   1,510	Fee Fee F	ee Fee	Fee Description	Foo Doid	1254	1,480	2254	740		
1401   330   2401   165   165   165   165   165   160   2004   385   Reissue filing fee   1401   330   2401   165   160   330   2402   165   160   2005   80   Provisional filling fee   1402   330   2402   165   160   2005   80   Provisional filling fee   1451   1,510   1451		***	Litility filing fee		1255	2,010	2255	1,005	Extension for reply within fifth month	
1003   530   2003   265   Plant filing fee   1402   330   2402   165   Filing a brief in support of an appeal   1403   290   2403   145   Request for oral hearing   1403   2405   685   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1452   110   2452   55   Petition to revive – unavoidable   1450   1450   1450   1450   1450   1450   1450   1450   14			• •	170	1401	330	2401	165	Notice of Appeal	
1004   770   2004   385   Reissue filing fee   1403   290   2403   145   1,510   1451   1,510			- ·		1402	330	2402	165	Filing a brief in support of an appeal	
1005 160 2005 80 Provisional filling fee SUBTOTAL (1) (\$) 770 1451 1,510 1451 1,510 proceeding proceeding subtract (1) (\$) 770 1452 110 2452 55 Petition to revive – unintentional 1452 110 2452 55 Petition to revive – unintentional 1453 1,330 2453 665 Petition to revive – unintentional 1501 1,330 2453 665 Petition to revive – unintentional 1501 1,330 2453 665 Petition to revive – unintentional 1501 1,330 2453 665 Petition to revive – unintentional 1501 1,330 2453 665 Petition to revive – unintentional 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1504 320 Plant issue fee 1	Ÿ		Plant filing fee		1403	290	2403	145	Request for oral hearing	
SUBTOTAL (1)  (5) 770  1452 110 2452 55 Petition to revive — unavoidable Petition to revive — unavoidation Petition to reviv			<del>-</del>		1451	1,510	1451	1,510		
SUBTOTAL (1)	<u>.</u>		<b>9</b>		1452	110	2452	55	Petition to revive – unavoidable	
2. EXTRA CLAIM FEES	•	SUBTOTA	AL (1)	(\$) 770	1453	1,330	2453	665	Petition to revive – unintentional	
textra below Paid   1502 480 2502 240 Design issue fee   1503 640 2503 320 Plant issue fee   1504 640 140 plant issue fee   1604 640 140 plant issue fee   1604 640 140 plant issue fee   1604 640 140 plant issu	0 EVED 1 01 111				1501	1,330	2501	665	Utility issue fee (or reissue)	
total Claims of the Claims below Paid of the Claims below Paid of the Claims of the Claims below Paid of the Claims of the Claim	2. EXTRA CLAIM	FEES	Foo		1502	480	2502	240	Design issue fee	
obtail Claims dependent laims				Fee	1503	640	2503	320	Plant issue fee	
dependent laims 3 -3** = 0 X .0 = 0    Submission of Information Disclosure Strnt					1460	130	1460	130	Petitions to the Commissioner	
Utiliple ependent  Large Entity Small Entity Fee Fee Fee Fee Fee Fee Code (\$) Code (\$) Code (\$) I80 Submission of Information Disclosure Stmt  Recording each patent assignment per property (times number of properties)  1802	idependent 0	=			1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Recording each patent assignment per property (times number of properties)  Fee Fee Fee Fee Fee Fee Fee Code (\$) Code (\$) Fee Description  1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 200 2203 145 Multiple dependent claim, if not paid "Reissue independent claims over original patent"  1204 86 2204 43 "Reissue claims in excess of 20 and over original patent"  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent"  SUBTOTAL (2) (\$) 0  **or number previously paid, if greater; For Reissues, see above  Recording each patent assignment per property (times number of properties)  1802 1 40 8021 40 8021 40 per property (times number of properties)  1809 770 2809 385 Filling a submission after final rejection (37 CFR § 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))  1801 770 2801 385 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0		3*** =			1806	180	1806	180		
Fee Fee Fee Fee Fee Fee Code (\$) Code (\$) Fee Description  1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 200 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  **To number previously paid, if greater; For Reissues, see above  1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	ependent	Small Enti	<u> </u>	= 0	8021	40	8021	40	per property (times number of	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 200 2203 145 Multiple dependent claims over original patent 1204 86 2204 43 "Reissue independent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  **or number previously paid, if greater; For Reissues, see above  1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))  1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	Fee Fee	Fee Fee	•		1809	770	2809	385	Filing a submission after final rejection	<del></del>
1203 200 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 "Reissue independent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  **or number previously paid, if greater; For Reissues, see above  **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	1202 18	2202 9			1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 "Reissue independent claims over original patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  "Tor number previously paid, if greater; For Reissues, see above  "Reissue independent claims over original patent  Other fee (specify)  Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	1203 200		•		4004	776	0001	205		
1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0  The real of a design application	1204 86	2204 43	** Reissue independer							
**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0	1205 18	2205 9		ccess of 20 and				- · <del>-</del>		
**or number previously paid, if greater; For Ressues, see above		:	SUBTOTAL (2) (\$) 0			1		- a Eas P	old SUBTOTAL (2)	
	**or number previou	sly paid, if greate	er; For Reissues, see above		Keau	yeu by Ba	ISIC FIIIN	y ree P	aid SUBTUTAL (3) (\$) 0	
SUBMITTED BY Complete (if applicable)	SUBMITTED BY		<del></del>		#/-					

WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.

31,623

ney/Agent)